

GOAT ANTI-STAT1 ALPHA ISOFORM ANTIBODY

SKU: EB05110



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	signal transducer and activator of transcription 1, 91kD signal transducer and activator of transcription-1 transcription factor ISGF-3 components p91/p84 transcription factor ISGF-3 STAT91 ISGF-3 signal transducer and activator of transcription 1, 91kDa STAT1
Usage Summary	Please note that we also get a lower size band (approx. 75kDa) in addition to the expected band. We do not have explanation for this band so far. This could represent an isoform of STAT1 (AAH02704), which has a predicted MW of 78kDa. Moreover, splice prediction software (http://www.bioinformatics.ucla.edu/ASAP/) indicated existence of constitutive splice variants for STAT1. We would appreciate any feedback from people in the field. Have any splice variants/modified forms been reported?
Accession ID	NM_007315
Blocking Peptide	EBP05110
Immunogen	Peptide with sequence C-GSVEFDSMMNTV, from the C Terminus of the protein sequence according to NM_007315.
Product Comments	This antibody is expected to recognise the alpha isoform of this protein only.
Peptide Sequence	C-GSVEFDSMMNTV
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human
Human Gene ID	6772
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
Western Blot	Western blot: Approx 75kDa and 90-95kDa bands seen in Jurkat cell lysates. Recommended for use at 3-5µg/ml.

